

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 ESI-PRP Removal - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Region V

**Subject:** **POLREP #23**  
**Progress**  
**ESI-PRP Removal**  
**B5YS**  
**Indianapolis, IN**  
**Latitude: 39.9128600 Longitude: -86.2423680**

**To:** Sue Michael, City of Indianapolis  
 Tom White, Citizens Energy Group  
 Harry Atkinson, IDEM  
 Ryan Groves, IDEM  
 Megan Nagle, IDEM  
 George Ritchotte, IDEM  
 Jason Doerflein, Marion County Health Department  
 Sam Bruner, Pike Fire Department  
 Charles Gebien, U.S. EPA Region V  
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 Robert Darnell, U.S. Department of Justice  
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**From:** Verneta Simon & Anita L. Boseman, On-Scene Coordinators  
**Date:** 9/29/2011  
**Reporting Period:**

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B5YS	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	9/30/2010
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	PRP Oversight
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	4/6/2011	<b>Start Date:</b>	4/6/2011
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	INN0051050501	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Bankrupt Commercial Used Oils Facility

#### 1.1.2 Site Description

See POLREP 1

##### 1.1.2.1 Location

4910 West 86th Street, Indianapolis, Indiana 46268

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

See POLREP 1

#### 2.1.2 Response Actions to Date

On September 19, 2011, Midwest hauled off (2) 20 cyd roll-off box of solidified sludge to Southside Landfill in Indianapolis, IN.

- 0.50" of rain fell over the weekend and 1.7" of rain fell during the day. Per TriHydro, the rain did not overtop the storm sewers or escape the Site, however, water did flow into the east containment.
- Midwest continued solidifying material in the solidification pits with wood pulp.
- Midwest began pressure washing and cleaning the east containment.
- Midwest had (3) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.

- Midwest staged (8) 20 cyd roll off boxes near the solidification pits in anticipation of treating sludge from the bunker tanks.
- Midwest continued cleaning caustic tanks 2, 3, and 3a.

On September 20, 2011, Midwest had (5) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.

- Midwest continued solidifying material in the solidification pits with wood pulp.
- Midwest hauled out 8 loads (43,900 gal) of oily water from manway SS-23.
  - 5 loads (28,200 gal) to United Waste Water Inc.'s facility in Cincinnati, OH.
  - 3 loads (15,700 gal) to Clean Water Limited's Cherokee Drive facility in Dayton, OH.
- Midwest continued cleaning caustic tanks 2, 3, and 3a.
- TriHydro treated storm water from manway SS-23 with the GAC system and stored the treated water in frac tanks.
- Midwest personnel entered the Oxidation Pit and collected a sample for waste characterization on September 20, 2011.

On September 21, 2011, Midwest hauled off (10) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.

- Midwest continued solidifying material in the solidification pits with wood pulp.
- Midwest hauled off 4 loads (22,200 gal) of oily water from the Site.
  - 1 load (6,200 gal) from the Tank 51 containment to United Waste Water Inc.'s facility in Cincinnati, OH.
  - 1 load (5,000 gal) from the Tank 51 containment and 2 loads (11,000 gal) from the Acid Tank containment to Clean Water Limited's Cherokee Drive facility in Dayton, OH.
- Midwest had (3) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.
- Midwest continued cleaning caustic tanks 2, 3, and 3a.
- Midwest mobilized a high-power submersible pump. The pump was placed in the west million gallon bunker tank and used to move sludge into the solidification pits.
- TriHydro treated storm water from manway SS-23 with the GAC system and stored the treated water in frac tanks.

On September 22, 2011, Midwest hauled off (19) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.

- Midwest continued solidifying material in the solidification pits with wood pulp.
- Midwest hauled off 11 loads (62,435 gal) of oily water from the primary separator, east containment, acid tank containment, and primary separator pit.
  - 8 loads (46,435 gal) to United Waste Water Inc.'s facility in Cincinnati, OH.
  - 3 loads (16,000 gal) to Clean Water Limited's Cherokee Drive facility in Dayton, OH.
- Midwest began cleaning Tank 35 (off-spec acid storage tank).
- Midwest began cleaning Tank 4 (virgin acid storage). Due to a hole located in the bottom of Tank 4

with significant rust accumulation inside the tank, Midwest plans to remove as much rust as possible with pressure washing.

- TriHydro treated storm water from manway SS-23 with the GAC system and stored the treated water in frac tanks.
- TyiHydro discharged approximately 7,100 gal of treated storm water to Oil Creek and collected the sample set required by the City of Indianapolis Special Discharge Agreement.

On September 23, 2011, Midwest hauled off (4) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.

- 0.3" of rain fell overnight. Water pooled above the manholes in the northeast and southwest areas, but stormwater did not breach the Site berms.
- Midwest hauled off 3 loads (17,200 gal) of oily water from manway SS-23 and the primary separator pit.
  - 1 load (6,200 gal) to United Waste Water Inc.'s facility in Cincinnati, OH.
  - 2 loads (11,000 gal) to Clean Water Limited's Cherokee Drive facility in Dayton, OH.
- Midwest pumped sludge from the west million gallon bunker tank to the solidification pits with a high-power submersible pump.
- Midwest solidified sludge with wood pulp solidification media and placed the solidified sludge into 20 cyd roll-off boxes.
- TriHydro and START visited areas marked gray on previous TriHydro maps. TriHydro agreed to do the small amount of cleanup required in these areas and produce a new map without gray markings.
- TriHydro treated storm water from manway SS-23 with the GAC system and stored the treated water in frac tanks.

The wood pulp solidification material is a reclaimed/recycled product. As of September 23, 2011, approximately 1,950,000 pounds had been used to solidify waste sludge.

### 2.1.3 Enforcement Activities, Identity of Potentially

#### Responsible Parties (PRPs)

N/A

### 2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Discharge</i>	<i>Treatment</i>	<i>Disposal</i>
Oily Water	Liquid	3,256,269 gallons		X	
Stormwater	Liquid	424,956 gallons		X	
Tank 51 Containment	Liquid	346,320 gallons		X	

Totes and Drums	Liquid	3,885 gallons		X	
Solidified Sludge	Solid	2,320 cyd			X
Treated Stormwater	Liquid	28,835 gallons	X		

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

- Pilot test for bunker tank removal activities.
- Pilot test for process piping decontamination.

#### 2.2.1.1 Planned Response Activities

None

#### 2.2.1.2 Next Steps

US EPA will provide oversight of PRP Group removal activities.

Begin cleaning the primary separator pit.  
Sample the oxidation pit.

### 2.2.2 Issues

Groundwater infiltration is suspected in the sanitary sewer system on Site. TriHydro is investigating potential options for mitigating infiltration.

Standing water has been observed in several locations around the site. Warmer weather can lead to mosquito breeding in standing water. EPA has requested that Trihydro address all standing water on site as soon as possible.

Ongoing management of wildlife at the site due to nearby ecosystems.

In previous POLREPs an incorrect name was used when referring to the oily water disposal facility. The correct name should be United Waste Water, Inc. not United Water.

"Control structure" refers to the pit or sump attached to and immediately south of the million gallon bunker tanks. It has been referred to as "access pit" and "access pit/control structure" in the past.

## 2.3 Logistics Section

Not applicable.

## 2.4 Finance Section

### 2.4.1 Narrative

Not applicable.

## 2.5 Other Command Staff

### 2.5.1 Safety Officer

Not applicable.

### 2.6 Liaison Officer

Not applicable.

### 2.7 Information Officer

#### 2.7.1 Public Information Officer

**2.7.2 Community Involvement Coordinator**

A date has not been selected for the next community meeting.

**3. Participating Entities****3.1 Unified Command**

Indiana Department of Environmental Management  
Indianapolis Department of Public Works  
Pike Township Fire Department  
City of Indianapolis

**3.2 Cooperating Agencies**

Marion County Health Department

**4. Personnel On Site**

U.S. EPA  
START Contractor

**5. Definition of Terms**

ASAOC – Administrative Settlement Agreement on Consent  
ERRS – Emergency and Rapid Response Services  
IDEM – Indiana Department of Environmental Management  
OSC – On-Scene Coordinator  
POLREP – Pollution Report  
PRP - Potentially Responsible Party  
RCRA – Resource Conservation and Recovery Act  
START – Superfund Technical Assessment and Response Team  
U.S. EPA – United States Environmental Protection Agency

**6. Additional sources of information****6.1 Internet location of additional information/report**

For additional information, please refer to the US EPA lead removal action website at [www.epaosc.org/esi](http://www.epaosc.org/esi)

**6.2 Reporting Schedule**

The next POLREP will be submitted at a date to be determined.

**7. Situational Reference Materials**

For additional information, please refer to the documents section at [www.epaosc.org/esi](http://www.epaosc.org/esi)